

ABSTRACT OF THE DISCLOSURE

The image pickup apparatus of the present invention includes the following: a solid-state image pickup element that can be driven by splitting into a plurality of phases a charge transfer gate, which controls the transfer of a charge from a pixel part that forms part of a pixel array, to a perpendicular transmission path; a drive circuit that can supply a plurality of pulses for driving said charge transfer gate corresponding to the plurality of phases to the solid-state image pickup element; an exposure control circuit that ends exposure by outputting the pulse for driving said charge transfer gate when a prescribed exposure time has elapsed since the start of exposure; a circuit for reading output signals that reads signals output by the solid-state image pickup element; and a signal compensation circuit that adds, to an output signal read by said output signal reading means, a prescribed amount of signal compensation that is determined in correspondence with said exposure time and output signal level, when a plurality of pulses for driving said charge transfer gates corresponding to said plurality of phases are output with prescribed time differences during exposure.